

Shoshone 65-68

Plug and Abandonment Procedure Revised 3/28/2022

Well Information

Field: Circle Ridge

County: Fremont County, Wyoming

Legal: 1,250' FSL & 2,970' FEL Section 36 T7N R3W

Lat/Long: 43.53612, -109.06314

API #: 4901321497

Ground level elevation	7,209'	KB Elevation:	7,219'	
TD:	1,720'	PBTD:	1,705'	
Surface Casing:	8-5/8", 24 #/ft, K-55, @ 70'			
Surface Casing Cement:	Unknown (Completion report shows cement to surface)			
Surface Casing TOC:	Surface	Source:	Completion Report	
Production Casing;	5-1/2", 15.5 #/ft, K-55, @ 1,720'			
Production Casing Cement	210 sx			
Production Casing TOC	315'	Source:	Calculation	
Production Tubing	No tubing in the well			
Open perforations	Tensleep Perfs: 1,520' – 1,720' Stuck Packer @ 1,705'			
Well Status	Shut In Injector			

Note: All cement pumped for this procedure will be 15.8 ppg Class G neat cement with a yield of 1.16 cu. Ft/sk and .3% by weight dispersant added.

Plugging Procedure

- 1. MIRU, pull all tubing, packers, rods, and pumps out of hole.
- 2. Run Bit and Scraper to PBTD.
- 3. RIH and set CICR 50' above top perforation at 1,470'.
- 4. Sting into CICR and pump 1.5x wellbore volume (45 sx) of cement below CICR.
- 5. Sting out of CICR, pump 25 sx on top of retainer (TOC = 1,253').
- 6. WOC-24-hours. This step has been deemed to be not necessary and is removed
- 7. Pressure test production casing to a minimum of 500 psi for 10 minutes.
- 8. Perforate circulation hole 200' from surface in production casing.
- 9. RIH with 2-3/8" 4.9# tubing to 190' below surface and circulate cement to surface outside Production casing through perforation.
- 10. Pump balanced plug to surface inside production casing.
- 11. WOC 24 hours. If cement level has fallen top off production casing with cement back to surface utilizing 1" poly hose.
- 12. Cut casing 3' below grade and weld on dry hole plate w/ legal ID. Remove rig anchors.

MEBIT ENERGY COMPANY
Field: Circle Ridge
Total Depth

1,716.8 1,720.1 1,748.6 1,777.2

Report Printed: 1/28/2022

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Well: Shoshone 65 68
Status: SHUT-IN
County, State: FREMONT, WYOMING
API: 490132149700

CPF: Circle Ridge Spud Date: 1/1/1900 Ground Elevation: 7,209.00 KB Elevation: 7,219.00

County, State: FREMONT, WYOMING On Production Date: 11/1/2000 Location: SESW Sec. 36, 7N-3W SHOSHONE-65 68, 1/28/2022 2:26:29 PM MD (ftKB) Vertical schematic (actual) -47.2 -18.7 IIRAIJANAJANABIRIKANAMANANAAJAAINAANAMANAMAIANAMARAAANAMARIAAANAMANAKAINAAANAMAIRIAANAKIIAANAMARAANAHAANAHAANAMANAMAMAANAMAA 29.9 8 5/8; 10.0-70.0 Des:Surface Casing Cement; Depth MD:10.0-70.0 ftKB; Date:12/10/1985; Com:Cmt surface csg w/180 sxs cmt. TOC @ surface.; Top MD:10.0 ftKB; Btm MD:70.0 ftKB 49.9 69.9 155.3 240.7 326.1 435.0 544.0 Dinwoody; 653.0 652.9 728.9 804.9 5 1/2; 10.0-1,720.0 880.9 Phosphoria; 881.0 Des:Production Casing Cement; Depth MD:326.0-1,720.0 ftKB; Date:12/19/1985; Com:Cmt prod. csg w/210 sxs 'G' cmt + 4% gel, 2% -A-7. /5% CD-31, 10# Gilsonite. (TOC @ 210' Acoustic Log, cannot confirm this, by calculation TOC @ 326'); Top MD:326.0 ftKB; Btm MD:1,720.0 ftKB 1.034.9 1,188.9 1,342.8 Tensleep; 1,343.0 1.401.9 1,461.0 1,520.0 1,563.3 -Perf; 1,520.0-1,650.0; 10/19/1995 1,606.6 -Perf; 1,520.0-1,720.0; 1/21/1986 1,649.9 1,668.3 1.686.7 1.705.1 1.706.7 -Packer; 1,705.0-1,710.0 1.708.3 1,710.0 1,713.4